

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 58611WO003	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/026358	International filing date (day/month/year) 13/08/2004	(Earliest) Priority Date (day/month/year) 01/10/2003
Applicant 3M INNOVATIVE PROPERTIES COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

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Box No. IV Text of the abstract (Continuation of Item 5 of the first sheet)

A tape and tape roll assembly for adhering thereto debris contained on a surface, such as a non-porous surface. The tape includes a high-adhesion, low-tack adhesive coating. The tape roll comprises a plurality of tape layers, with each tape layer removable from an adjacent underlying layer. The adhesive coating adheres to an outer surface, of each layer. The adhesive coating adheres debris contained on the surface to be cleaned to an outermost tape layer of the tape roll without substantially adhering the outermost tape layer to the surface or unwinding the outermost tape layer from the tape roll. The adhesive coating includes at least 56% by weight tackifier.

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 International Application No
 PCT/US2004/026358

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09J7/02 A47L25/00 B08B7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09J A47L B08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200175 Derwent Publications Ltd., London, GB; Class A12, AN 2001-651141 XP002308292 -& JP 2001 234148 A (SEKISUI CHEM IND CO LTD) 28 August 2001 (2001-08-28)	1-9
Y	abstract	10-44
X	----- US 5 290 842 A (ERCILLO JESSE ET AL) 1 March 1994 (1994-03-01)	1-9
Y	column 1, lines 10-13 column 8, lines 16-49; claim 1; examples 11-16 ----- -/--	10-44



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

30 November 2004

Date of mailing of the international search report

13/12/2004

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INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/34853 A (3M INNOVATIVE PROPERTIES CO) 2 May 2002 (2002-05-02)	1-9
Y	page 1, line 29 - page 6, line 31; claims 1-7, 11-13, 18	10-44
X	WO 01/62132 A (PROCTER & GAMBLE) 30 August 2001 (2001-08-30)	1-9
Y	page 25, line 3 - page 29, line 7; claims 22-26, 31	10-44
Y	US 2003/039822 A1 (AALBERS BARBARA J) 27 February 2003 (2003-02-27) figures 1, 2, 8-12; examples	10-44
Y	WO 99/40836 A (MINNESOTA MINING & MFG) 19 August 1999 (1999-08-19) the whole document	10-44
A	US 6 605 680 B1 (DONKER CHRETIEN P L C ET AL) 12 August 2003 (2003-08-12) tables 5-7	1-44

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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